REMARKS

In the Office Action mailed September 24, 2007, the Examiner took the following action: (1) rejected claims 1, 5, 7, and 11 under 35 U.S.C. §103(a) as being unpatentable over Snyder (U.S. 6643641) in view of Jebens (U.S. 6332146); (3) rejected claims 2-3 and 8-8 under 35 U.S.C. §103(a) as being unpatentable over Snyder in view of Jebens, and further in view of Ogawa (U.S. 5864632); (4) rejected claims 4 and 10 under 35 U.S.C. §103(a) as being unpatentable over Snyder and Jebens and Ogawa, and further in view of Henley (U.S. 2003/0195838); (5) rejected claims 6 and 12 under 35 U.S.C. §103(a) as being unpatentable over Snyder and Jebens, and further in view of Bell (U.S. 5422989); and (6) rejected claim 24 under 35 U.S.C. §103(a) as being unpatentable over Snyder and Jebens, and further in view of Ginter (U.S. 2004/0123129). Applicants respectfully request reconsideration of the application in view of the foregoing amendments and the following remarks.

I. Rejections Under §103(a)

Claims 1-12 and 24 stand rejected under 35 U.S.C. §103(a) as being unpatentable over the combined teachings of one or more of the following references: Snyder (U.S. 6643641), Jebens (U.S. 6332146), Ogawa (U.S. 5864632), Henley (U.S. 2003/0195838), Bell (U.S. 5422989), and Ginter (U.S. 2004/0123129). Applicants respectfully traverse.

Claims 1-6 and 28

As amended, claim 1 recites:

1. A method comprising:
   storing at least one of an image data or image information products in a database;
   providing a search engine for searching the stored image data products;
   if a desired image data or image information product of a requestor exists in the database, automatically generating a data product

based on the desired image data product and a predefined attributes of the image specified by a requestor;

if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*; and

automatically sending the generated or developed image data or image information product to the requestor. (emphasis added).

Snyder (US 6643641)

Snyder teaches a web search engine that creates graphic snapshots. According to Snyder, a search engine accepts user queries, conducts searches of a database, and reports the search results in the form of a report containing visual representations or snapshots. (8:13-17). The snapshots of Snyder "depict a presentation of how the selected pages would have appeared according to a default display configuration at the time they were accessed." (8:18-20).

Applicants respectfully submit that Snyder fails to disclose, teach, or fairly suggest the method recited in claim 1. Specifically, Snyder fails to teach or suggest a method that includes, in relevant part, "if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*." According to Snyder, the snapshots "depict a presentation of how the selected pages would have appeared *according to a default display configuration* at the time they were accessed." (8:18-20) (emphasis added). Thus, there is no teaching or suggestion in Snyder of

"automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*" as recited in claim 1. Accordingly, claim 1 is allowable over Snyder.

Jebens (US 6332146)

Jebens teaches a method and system for storing and printing digital images. According to Jebens, a system includes a storage device for storing digital images (2:17:18; 6:21-23), a search engine for developing a subset of the digital images stored in the storage device in response to inputs from a first user (2:18-21; 12:34-40), and for downloading "low resolution copies" to the first user" (2:21-23; 13:15-16). A job order developer develops a job order (2:23-24; 14:27-54), and a router electronically routes the job order to a second user (2:29-31; 14:55 - 15:35).

Jebens fails to remedy the above-noted deficiencies of Snyder. Specifically, Jebens fails to teach or suggest a method that includes, in relevant part, "if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*." According to Jebens, "low resolution copies of the files will be downloaded" when the user selects to receive image files. (13:15-16). Thus, there is no teaching or suggestion in Jebens of "automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein*

the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor" as recited in claim 1. Accordingly, claim 1 is allowable over Jebens, either singly or in combination with Snyder.

Ogawa (US 5864632)

Ogawa teaches a map editing device for updating of a three-dimensional digital map. According to Ogawa, a map editing device utilizes an image of an area (*e.g.* an aerial photograph), and a coordinate transformation means for generating a perspective projection map of a three-dimensional digital map to a coordinate system of the image. (2:8-14). A collation means establishes correspondence between points in the map and points in the image. (2:15-20), and map change point stipulation means stipulates changes between the map and the image (2:20-23). Map editing means then edit the three-dimensional digital map on the basis of the map change point. (2:24-26).

Ogawa fails to remedy the above-noted deficiencies of Snyder and Jebens. Specifically, Ogawa fails to teach or suggest a method that includes, in relevant part, "if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*." Ogawa is silent as to the above-quoted recitations, and thus, there is no teaching or suggestion in Ogawa of "automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging*

algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor" as recited in claim 1. Accordingly, claim 1 is allowable over Ogawa, either singly or in combination with Snyder and Jebens.

Henley (US 2003/0195838)

Henley teaches a method and system for provision and acquisition of medical services and products. According to Henley, patients and medical service providers participate in an interactive on-line professional services auction transaction system implements over a communications network such as the Internet. (para. 14).

Henley fails to remedy the above-noted deficiencies of Snyder, Jebens, and Ogawa. Specifically, Henley fails to teach or suggest a method that includes, in relevant part, "if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor.*" Henley is silent as to the above-quoted recitations, and thus, there is no teaching or suggestion in Henley of "automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*" as recited in claim 1. Accordingly, claim 1 is allowable over Henley, either singly or in combination with Snyder, Jebens, and Ogawa.

Bell (US 5422989)

Bell teaches a user interface mechanism for interactively manipulating displayed images. According to Bell, multiple digital images of an object obtained by a plurality of sensors having differing image collection parameters are simultaneously manipulated with respect to a prescribed multi-image co-registration surface. (1:25-33; 3:34-40). Specifically, the multiple digital images are processed using an "iterative co-registration correlation process." (6:49-50).

Bell fails to remedy the above-noted deficiencies of Snyder, Jebens, Ogawa, and Henley. Specifically, Bell fails to teach or suggest a method that includes, in relevant part, "if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*." Bell is silent as to the above-quoted recitations, and thus, there is no teaching or suggestion in Bell of "automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*" as recited in claim 1. Accordingly, claim 1 is allowable over Bell, either singly or in combination with Snyder, Jebens, Ogawa, and Henley.

Ginter (US 2004/0123129)

Ginter teaches techniques for secure electronic commerce transactions. According to Ginter, a Distributed Commerce Utility provides administrative and support services for

electronic commerce and electronic rights and transaction management. (para. 63-65), including an automatic electronic payment mechanism. (para. 291).

Ginter fails to remedy the above-noted deficiencies of Snyder, Jebens, Ogawa, Henley, and Bell. Specifically, Ginter fails to teach or suggest a method that includes, in relevant part, "if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor.*" Ginter is silent as to the above-quoted recitations, and thus, there is no teaching or suggestion in Ginter of "automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis and development is performed using an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*" as recited in claim 1. Accordingly, claim 1 is allowable over Ginter, either singly or in combination with Snyder, Jebens, Ogawa, Henley, and Bell.

Claims 2-6 and 28 depend from claim 1 and are allowable over the Cited References (Snyder, Jebens, Ogawa, Henley, Bell, and Ginter) at least due to their dependencies on claim 1, and also due to additional limitations recited in these claims.

Claims 7-12 and 29

Similarly, claim 7 recites:

> 7. A system comprising:
> means for storing image data or image information products in a database;
> means for providing a search engine for searching the stored image data or image information products;
> means for automatically generating a image data or image information product based on the desired image data or image information product and a predefined attributes of the image specified by a requestor, if a desired image data or image information product of a requestor exists in the database;
> means for automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, if a desired image data or image information product of a requestor does not exist in the database, *wherein the means for automatically analyzing uses an imaging algorithm selected from a plurality of available algorithms to develop the image data or image information product, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*; and
> means for sending the generated or developed image data or image information product to the requestor. (emphasis added).

As described above, the Cited References (Snyder, Jebens, Ogawa, Henley, Bell, and Ginter) fail to teach or suggest a system that includes, in relevant part, "means for automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, if a desired image data or image information product of a requestor does not exist in the database, *wherein the means for automatically analyzing uses an imaging algorithm selected from a plurality of available algorithms to develop the image data or image information product, the imaging algorithm being selected based upon the predefined attributes specified by the requestor.*" According to Snyder, the snapshots "depict a presentation of how

the selected pages would have appeared *according to a default display configuration* at the time they were accessed." (8:18-20) (emphasis added), while Jebens teaches that "low resolution copies of the files will be downloaded" when the user selects to receive image files. (13:15-16). The other Cited References (Ogawa, Henley, Bell, and Ginter) are silent as to the above-quoted recitations, and thus, there is no teaching or suggestion of "means for automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the means for automatically analyzing uses an imaging algorithm selected from a plurality of available algorithms, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*" as recited in claim 7. Accordingly, claim 7 is allowable.

Claims 8-12 and 29 depend from claim 7 and are allowable over the Cited References at least due to their dependencies on claim 7, and also due to additional limitations recited in these claims.

Claim 24

Amended claim 24 recites:

> 24. A method comprising:
> storing image data or image information products in a database;
> providing a search engine for searching the stored image data or image information products;
> receiving payment information from a requestor;
> if a desired image data or image information product of a requestor exists in the database, automatically generating an image data or image information product based on the desired image data or image information product and a predefined attributes of the image specified by the requestor;
> if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a

predefined attributes of the image specified by the requestor, *wherein the means for automatically analyzing uses an imaging algorithm selected from a plurality of available algorithms to develop the image data or image information product, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*;

automatically sending the generated or developed image data or image information product to the requestor; and

automatically billing the requestor based on the generated or developed image data or image information product and the received payment information. (emphasis added).

As described above, the Cited References (Snyder, Jebens, Ogawa, Henley, Bell, and Ginter) fail to teach or suggest a method that includes, in relevant part, "if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by the requestor, *wherein the means for automatically analyzing uses an imaging algorithm selected from a plurality of available algorithms to develop the image data or image information product, the imaging algorithm being selected based upon the predefined attributes specified by the requestor*." Again, according to Snyder, the snapshots "depict a presentation of how the selected pages would have appeared *according to a default display configuration* at the time they were accessed." (8:18-20) (emphasis added), while Jebens teaches that "low resolution copies of the files will be downloaded" when the user selects to receive image files. (13:15-16). The other Cited References (Ogawa, Henley, Bell, and Ginter) are silent as to the above-quoted recitations. Accordingly, claim 24 is allowable.

Claims 25-27

New claim 25 recites:

25. A method comprising:

storing at least one of an image data or image information products in a database;

providing a search engine for searching the stored image data products;

if a desired image data or image information product of a requestor exists in the database, automatically generating a data product based on the desired image data product and a predefined attributes of the image specified by a requestor;

if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis is performed using an imaging algorithm selected from a plurality of possible algorithms, the plurality of possible algorithms including at least one imaging algorithm that is generated by an algorithm associate based upon the predefined attributes specified by the requestor*;

automatically sending the generated or developed image data or image information product to the requestor; and

automatically billing the requestor based on the generated or developed image data or image information product.

The Cited References (Snyder, Jebens, Ogawa, Henley, Bell, and Ginter) fail to teach or suggest a method that includes, in relevant part, "if a desired image data or image information product of a requestor does not exist in the database, automatically analyzing the desired image data or image information product and developing an image data or image information product based on the analysis and a predefined attributes of the image specified by a requestor, *wherein the analysis is performed using an imaging algorithm selected from a plurality of possible algorithms, the plurality of possible algorithms including at least one imaging algorithm that is generated by an algorithm associate based upon the predefined attributes specified by the requestor.*" Accordingly, claim 25 is allowable. Claims 26-27 depend from claim 25 and are allowable over the Cited References at least due to their dependencies on claim 25, and also due to additional limitations recited in these claims.

CONCLUSION

Accordingly, Applicants respectfully submit that pending claims 1-12 and 24-29 are now in condition for allowance. If there are any remaining matters that may be handled by telephone conference, the Examiner is kindly invited to contact the undersigned attorney at the telephone number listed below.

Respectfully Submitted,

Dated: March 18, 2008

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